+1 D I V L T Q S P A S L A V S L G Q
GACATTGTGC TGACACAGTC TCCTGCTTCC TTAGCTGTAT CTCTGGGGCA 50
+1 R A T I S C R A S K S V S T S G Y
GAGGGCCACC ATCTCATGCA GGGCCAGCAA GAGTGTCAGT ACATCTGGCT 100
+1 S Y I H W Y Q Q K P G Q P P K L
ATAGTTACAT ACACTGGTAC CAACAGAAAC CAGGACAGCC ACCCAAACTC 150
+1 L I F L A S N L E S G V P A R F S
CTCATCTTTC TTGCATCCAA CCTAGAATCT GGGGTCCCTG CCAGGTTCAG 200
+1 G S G S G T D F T L N I H P V E E
TGGCAGTGGG TCTGGGACAG ACTTCACCCT CAACATCCAT CCTGTGGAGG 250
+1 E D A A T Y H C Q H S R E L P L
AGGAGGATGC TGCAACCTAT CACTGTCAGC ACAGTAGGGA GCTTCCGCTC 300
+1 T F G A G T K L E L K
ACGTTCGGTG CTGGGACCAA GCTGGAGCTG AAA 350

Fig. 1

```
+1  E   V   Q   L   L   E   E   S   G   P   G   L   V   A   P   S   Q
    GAGGTGCAGC TGCTCGAGGA GTCAGGACCT GGCCTGGTGG CACCCTCACA  50
+1  S   L   S   I   T   C   T   V   S   G   F   S   L   S   R   Y   S
    GAGCCTGTCC ATCACATGCA CTGTCTCTGG GTTCTCATTA TCCAGATATA  100
+1  V   H   W   V   R   Q   P   P   G   K   G   L   E   W   L   G
    GTGTACACTG GGTTCGCCAG CCTCCAGGAA AGGGTCTGGA GTGGCTGGGA  150
+1  M   I   W   G   G   G   S   T   D   Y   N   S   G   L   K   S   R
    ATGATATGGG GTGGTGGAAG CACAGACTAT AATTCAGGTC TCAAATCCAG  200
+1  L   S   I   S   N   D   N   S   K   S   Q   V   F   L   K   M   N
    ACTGAGCATC AGCAACGACA ACTCCAAGAG CCAAGTTTTC TTAAAAATGA  250
+1  S   L   Q   T   D   D   T   A   I   Y   Y   C   A   R   N   M
    ACAGTCTGCA AACTGATGAC ACAGCCATTT ACTACTGTGC CAGAAATATG  300
+1  G   G   R   Y   P   D   Y   F   D   Y   W   G   Q   G   T   T   L
    GGGGGTAGGT ACCCGGACTA CTTTGACTAC TGGGGCCAAG GCACCACTCT  350
+1  T   V   S   S
    CACAGTCTCC TCA                                          400
```

Fig. 2

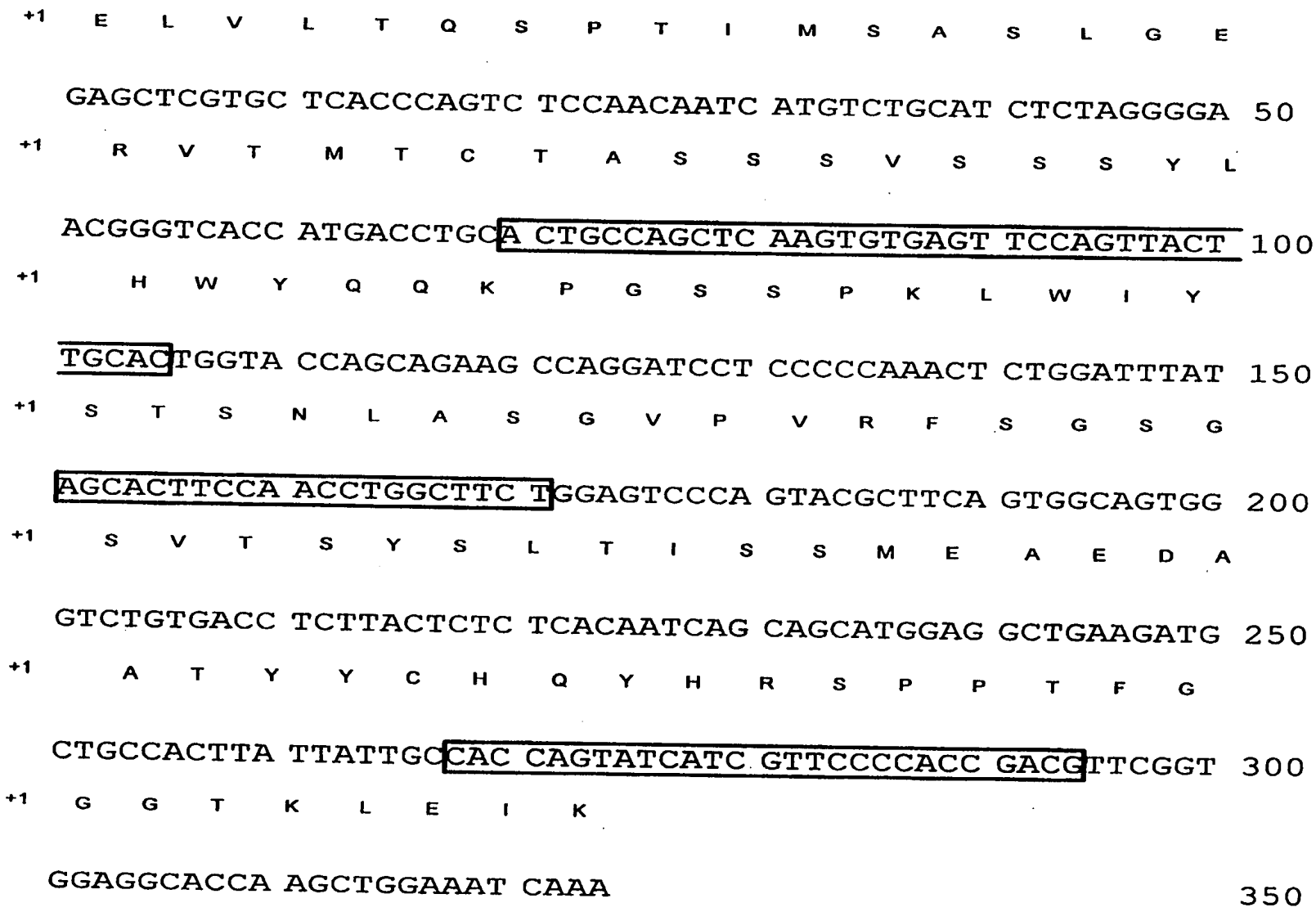

Fig. 3

```
+1  E  V  Q  L  L  E  E  S  G  G  G  L  V  Q  P  T  G
    GAGGTGCAGC TGCTCGAGGA GTCTGGGGGA GGATTGGTCC AACCTACAGG 50
+1  S  L  K  L  S  C  A  A  S  G  F  T  F  N  S  Y  A
    ATCATTGAAA CTCTCATGTG CCGCCTCTGG TTTCACCTTC AATTCCTATG 100
+1  M  Y  W  V  R  Q  A  P  G  K  G  L  E  W  V  A
    CCATGTACTG GGTCCGCCAG GCTCCAGGAA AGGGTTTGGA GTGGGTTGCT 150
+1  R  I  R  S  K  S  D  N  Y  A  T  Y  Y  A  N  S  V
    CGCATAAGAA GTAAAAGTGA TAATTATGCA ACATATTATG CCAATTCAGT 200
+1  K  D  R  L  T  I  S  R  D  D  S  Q  N  M  L  Y  L
    GAAAGACAGA CTCACCATCT CCAGAGATGA TTCACAAAAC ATGCTCTATC 250
+1  Q  M  N  N  L  K  T  E  D  T  A  M  Y  Y  C  V
    TGCAGATGAA CAACCTGAAA ACTGAGGACA CAGCCATGTA TTACTGTGTG 300
+1  R  D  H  D  K  F  P  F  Y  Y  A  L  D  Y  W  G  P
    AGAGATCATG ATAAGTTTCC TTTTTACTAT GCTCTGGACT ACTGGGGTCC 350
+1  G  T  L  V  T  V  S  S
    AGGAACCTTA GTCACCGTCT CCTCA                            400
```

Fig. 4

```
+1  D  I  L  L  T  Q  S  P  A  I  L  S  V  S  P  G  E
    GACATCTTGC TGACTCAGTC TCCAGCCATC CTGTCTGTGA GTCCAGGAGA  50
+1  R  V  S  F  S  C  R  A  S  Q  S  I  G  T  R  I  H
    AAGAGTCAGT TTCTCCTGCA GGGCCAGTCA GAGCATTGGC ACAAGAATAC 100
+1  W  Y  Q  Q  R  T  N  G  S  P  R  L  L  I  K  Y
    ACTGGTATCA ACAAAGAACA AATGGTTCTC CAAGGCTTCT CATAAAGTAT 150
+1  G  S  E  S  I  S  G  I  P  S  R  F  S  G  S  G  S
    GGTTCTGAGT CTATCTCTGG GATCCCTTCC AGGTTTAGTG GCAGTGGATC 200
+1  G  T  D  F  S  L  S  I  N  S  V  E  S  E  D  I  A
    AGGGACAGAT TTTAGTCTTA GCATCAACAG TGTCGAGTCT GAAGATATTG 250
+1  D  Y  Y  C  Q  Q  S  N  T  W  P  L  T  F  G  A
    CAGATTATTA CTGTCAACAA AGTAATACCT GGCCGCTCAC GTTCGGTGCT 300
+1  G  T  K  L  E  L  K
    GGGACCAAGC TGGAGCTGAA A                                350
```

Fig. 5

```
+1  E  V  Q  L  L  E  Q  S  G  A  E  L  V  K  P  G  A
   GAGGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGGC  50
+1  S  V  K  I  S  C  K  A  S  G  Y  A  F  S  T  S  W
   CTCAGTGAAG ATTTCCTGCA AGGCTTCTGG CTACGCATTC AGTACCTCCT 100
+1  M  N  W  V  K  Q  R  P  G  K  G  L  E  W  I  G
   GGATGAACTG GGTGAAACAG AGGCCTGGAA AGGGTCTTGA GTGGATTGGA 150
+1  R  I  Y  P  G  D  G  D  T  N  Y  N  G  K  F  K  G
   CGGATTTATC CTGGAGATGG AGATACTAAC TACAATGGGA AGTTCAAGGG 200
+1  K  A  T  L  T  A  D  K  S  S  S  T  A  Y  M  Q  L
   CAAGGCCACA CTGACTGCAG ACAAATCCTC CAGCACAGCC TACATGCAAC 250
+1  N  S  L  T  S  E  D  S  A  V  Y  F  C  V  R  E
   TCAACAGCCT GACATCTGAG GACTCTGCGG TCTACTTCTG TGTAAGAGAG 300
+1  D  A  Y  Y  S  N  P  Y  S  L  D  Y  W  G  Q  G  T
   GATGCCTATT ATAGTAACCC CTATAGTTTG GACTACTGGG GTCAAGGAAC 350
+1  S  V  T  V  S  S
   CTCAGTCACC GTCTCCTCA                                   400
```

Fig. 6

```
+1  E  L  Q  M  T  Q  S  P  S  S  L  S  A  S  L  G  D
GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCTGCAT CCCTTGGAGA 50
+1  T  I  T  I  T  C  H  A  S  Q  N  I  N  V  W  L  S
CACAATTACC ATCACTTGCC ATGCCAGTCA GAACATTAAT GTTTGGTTAA 100
+1  W  Y  Q  Q  K  P  G  D  I  P  K  L  L  I  Y  K
GCTGGTATCA GCAGAAACCA GGAGATATCC CTAAACTATT GATCTATAAG 150
+1  A  S  N  L  H  T  G  V  P  S  R  F  S  G  S  G  S
GCTTCCAACT TGCACACAGG CGTCCCATCA AGGTTTAGTG GCAGTGGATC 200
+1  G  T  G  F  T  L  V  I  S  S  L  Q  P  E  D  I  A
TGGAACAGGT TTCACATTAG TCATCAGCAG CCTGCAGCCT GAAGACATTG 250
+1  T  Y  Y  C  Q  Q  G  R  S  Y  P  L  T  F  G  A
CCACTTACTA CTGTCAACAG GGTCGAAGTT ATCCTCTCAC GTTCGGTGCT 300
+1  G  T  K  L  E  L  K
GGGACCAAGC TGGAGCTGAA A                                350
```

Fig. 7

```
+1  E  V  Q  L  L  E  E  S  G  G  G  L  V  K  P  G  G
    GAGGTGCAGC TGCTCGAGGA GTCTGGGGGA GGCTTAGTGA AGCCTGGAGG  50
+1  S  L  Q  L  S  C  S  A  S  G  F  T  F  S  S  H  F
    GTCCCTGCAA CTCTCCTGTT CAGCCTCTGG ATTCACTTTC AGTAGCCATT  100
+1  M  S  W  V  R  Q  T  P  E  K  R  L  E  W  V  A
    TCATGTCTTG GGTTCGCCAA ACTCCAGAGA AGAGGCTGGA GTGGGTCGCA  150
+1  S  I  S  S  G  G  D  S  F  Y  P  D  S  L  K  G  R
    TCCATTAGTA GTGGTGGTGA CAGTTTCTAT CCAGACAGTC TGAAGGGCCG  200
+1  F  A  I  S  R  D  N  A  R  N  I  L  F  L  Q  M  S
    ATTCGCCATC TCCAGAGATA ATGCCAGGAA CATCCTGTTC CTGCAAATGA  250
+1  S  L  R  S  E  D  S  A  M  Y  F  C  T  R  D  Y
    GCAGTCTGAG GTCTGAGGAC TCGGCCATGT ATTTCTGTAC AAGAGACTAC  300
+1  S  W  Y  A  L  D  Y  W  G  Q  G  T  S  V  T  V  S
    TCTTGGTATG CTTTGGACTA CTGGGGTCAA GGAACCTCAG TCACCGTCTC  350
+1  S
    CTCA
                                                            400
```

Fig. 8